IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JI-HYUN PARK, *et al.*

Serial No.:	10/749,385	Examiner:	*To be assigned*
Filed:	2 January 2004	Art Unit:	2611
For:	REMOTE CONTROLLER AND SET-TOP-BOX THEREFOR		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references. Under 37 C.F.R. §1.98(a)(2) however, copies of U.S. patent reference(s) are not provided.

PART I (Japanese Office action)

FOREIGN PATENT REFERENCE:

- Japanese Patent Publication No. 09-224081 to Ogawara, *et al.*, entitled *INFORMATION COMMUNICATION EQUIPMENT FOR HOME USE*, published on 26 August 1997 (with English abstract).

- Japanese Patent Publication No. 2001-258077 to Arayagaito, entitled *REMOTE CONTROLLER*, published on 21 September 2001 (with English abstract).

- Japanese Patent Publication No. 2001-169370 to Kino, *et al.*, entitled *REMOTE CONTROL SYSTEM, REMOTE CONTROLLER AND CONTROLLER*, published on 22 June 2001 (with English abstract).

- Japanese Patent Publication No. 10-210569 to Noda, entitled *BUS CONTROLLER*

AND METHOD THEREFOR, published on 7 August 1998 (with English abstract).

- Japanese Patent Publication No. 10-056411 to Kuno, entitled *INFORMATION TRANSMITTER AND INFORMATION TRANSMISSION SYSTEM*, published on 24 February 1998 (with English abstract).

OTHER DOCUMENTS:

- Japanese Office action for Japanese Patent Application No. 2004-016404, issued on 29 November 2005.

PART II (Chinese Office action)

US PATENT REFERENCE:

- United States Patent No. 5,819,294 to Chambers, entitled *AUTOMATIC CONFIGURATION MECHANISM FOR UNIVERSAL REMOTE*, issued on 6 October 1998.

FOREIGN PATENT REFERENCE:

- European Patent No. 1 069 695 to Kleitz, entitled *USER-DEPENDENT TELECOMMUNICATION SYSTEM,* issued on 17 January 2001 (with English abstract).

OTHER DOCUMENTS:

- Chinese Office action for Chinese Patent Application No. 200410002282.5, issued on 10 February 2006.

DISCUSSION

PART I

Ogawara JP'081, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-016404, discloses that information communication equipment for home

use is provided with an outside line interface, extension interface inside home, control part, display interface and remote controller interface. The outside line interface houses an outside line and plural wire or radio extensions and performs line exchange or storage exchange between the extension and the outside line, between the extensions or between the outside lines. The display interface displays received information on the screen of a display device. Terminals having PHS interfaces are connected to the extension interface by radio, a portable terminal is connected by infrared rays and image terminals are connected by wires.

Arayagaito JP'077, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-016404, discloses that the remote controller is provided with a communication means selection means, that detects whether the remote controller exists in the inside or at the outside of a house, a close range communication section that conducts communication with an electronic device via a gateway device, when the means discriminates that the remote controller exists in the inside of the house, a remote distance communication section is that makes communication with the electronic device via the gateway device and the Internet, when the means discriminates that the remote controller exists outside of the house, and an encryption processing section that encrypts data sent from the remote controller, when the remote distance communication section is in use.

Kino JP'370, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-016404, discloses that a GUI remote controller transmits control information from a transmission reception section to a device controller in response to an operation of a touch panel operation section, and externally receives setting information to set a correspondence relation of control information on the basis of image display by a display section and an operation of the touch operation section. A bus interface of the device controller is connected to a system bus, a command conversion section converts control information received from the GUI remote controller via a transmission reception section by a control operation control section into a

corresponding control command, which is fed to the system bus. When a target device is newly connected to the system bus, the control section acquires a corresponding control command information set, assigns control information thereto and enters the setting information to the GUI remote controller.

Noda JP'569, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-016404, discloses that this bus controller consisting of a controller and a remote controller and a digital device are connected in parallel with a bus. A command issue means issues a node designation command that designates a transmission node and a reception node, and issues a mode designation command that designates an operation mode of a device designated to be a node or the like. A command storage means stores a command group for node designation and mode designation with high frequency of use. The operator enters an intended command by a command designation means of the remote controller. A command designation command reception means receives the command designation command from the remote controller and selects designated from a command storage means.

Kuno JP'411, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-016404, discloses that digital information received/outputted via a bus and an interface section is received/outputted selectively from/to a radio processing section or a data rate conversion section through a changeover switch. In this case, a CPU switches at first the changeover switch to a position of the data rate control section and uses an infrared ray port so as to send/receive the digital information by the infrared ray communication system and when the CPU recognizes that the reception/transmission of the digital information by the infrared ray communication system is disable by a reason such as remote distance to a communication destination, the CPU switches the changeover switch to the position of the radio processing section and the digital information is sent/received by using the spread spectrum system.
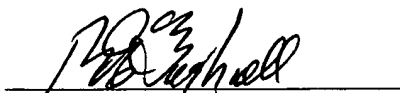
PART II

Chambers US'294, according to the Chinese Office action in applicant's Chinese patent application Serial No. 200410002282.5, discloses that a programmable remote controller is programmed by a PC that has an onboard data base for sets of codes used by a variety of commercially available remote controllers. The data base contains sets of compressed codes. In order to program the remote, the user lets the PC find a match between a single pulse-code transmitted by a specific known controller on the one hand and an item in the data base on the other hand. Upon finding the match, the set containing the matching item is stored in the programmable controller as corresponding to the particular apparatus that is controllable via the specific remote.

Kleitz EP'695, according to the Chinese Office action in applicant's Chinese patent application Serial No. 200410002282.5, discloses that known telecommunication systems comprising a controller (gateway/server) and devices (TV, VCR, refrigerator, security system) and a remote control unit for remotely controlling said devices via said controller, can be made more user-friendly by storing user-dependent-signals in said controller which can be activated in response to a user-identification-signals originating from said remote control unit. By using a controller-limitor, user-rights can be limited, and by using a controller-calculator, a more dynamic system taking user-behaviour into account is created, whereby a controller-adjustor can be used to adjust said user-dependent-signals stored in said controller.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.
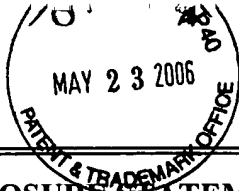
No fee is incurred by this Statement.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT

PTO-1449 (PAGE 1 OF 1)

SERIAL NUMBER 10/749,385	**DOCKET NO.** P56913
APPLICANT JI-HYUN PARK, *et al.*	
FILING DATE 2 January 2004	**GROUP** 2611

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,819,294	10/98	*Chambers*			

FOREIGN PATENT DOCUMENTS / TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 09-224081	08/97	JAPAN			Abstract	
	JP 2001-258077	09/01	JAPAN			Abstract	
	JP 2001-169370	06/01	JAPAN			Abstract	
	JP 10-210569	08/98	JAPAN			Abstract	
	JP 10-056411	02/98	JAPAN			Abstract	
	EP 1 069 695	01/01	EUROPE			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Japanese Office action for Japanese Patent Application No. 2004-016404, issued on 29 Nov ember 2005.
	Chinese Office Action of the Chinese Patent Application No. 200410002282.5, issued on 10 February 2006

EXAMINER:	DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.